TOSTAD" 0025860

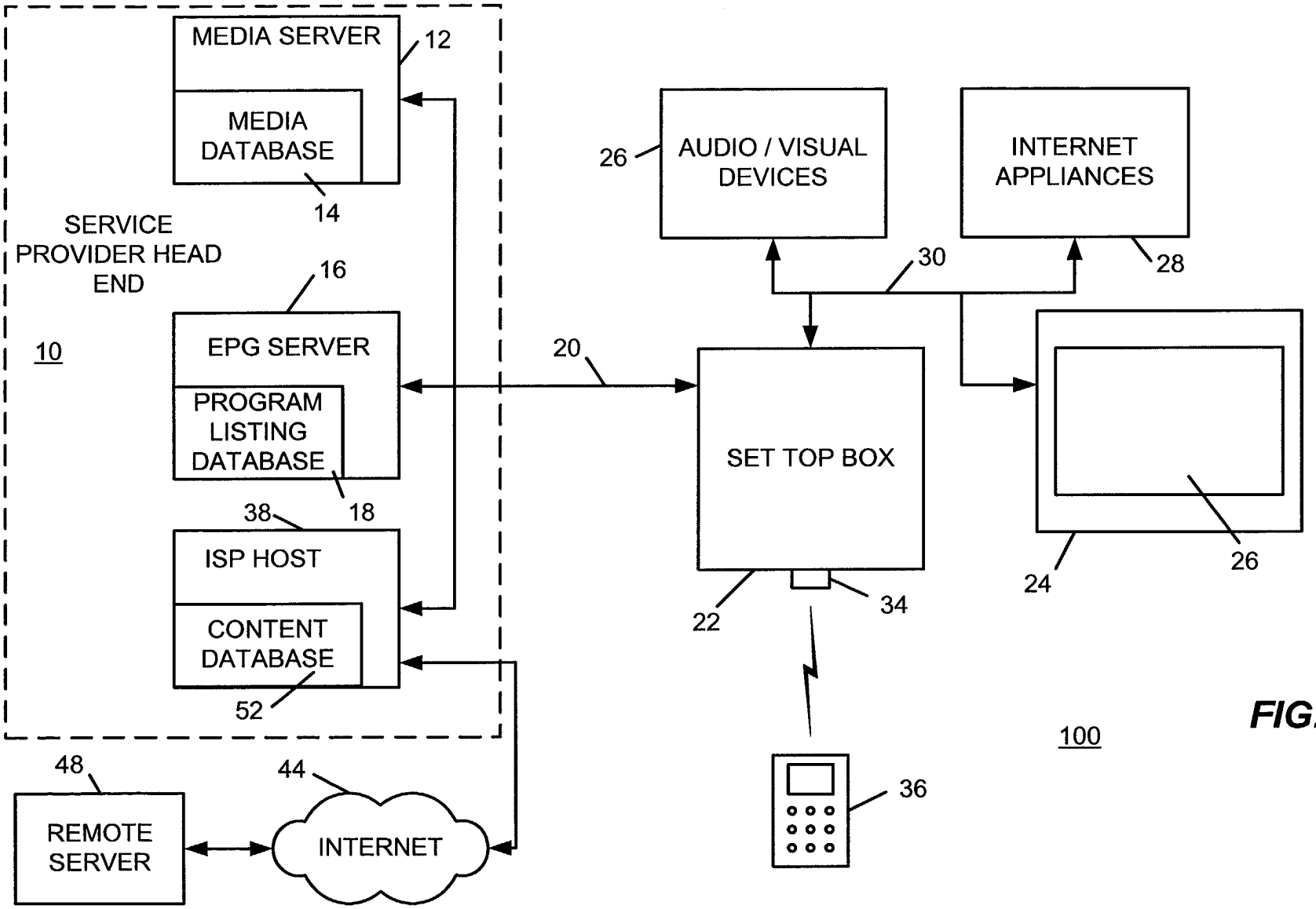

FIG. 1

TOSHD 0025860

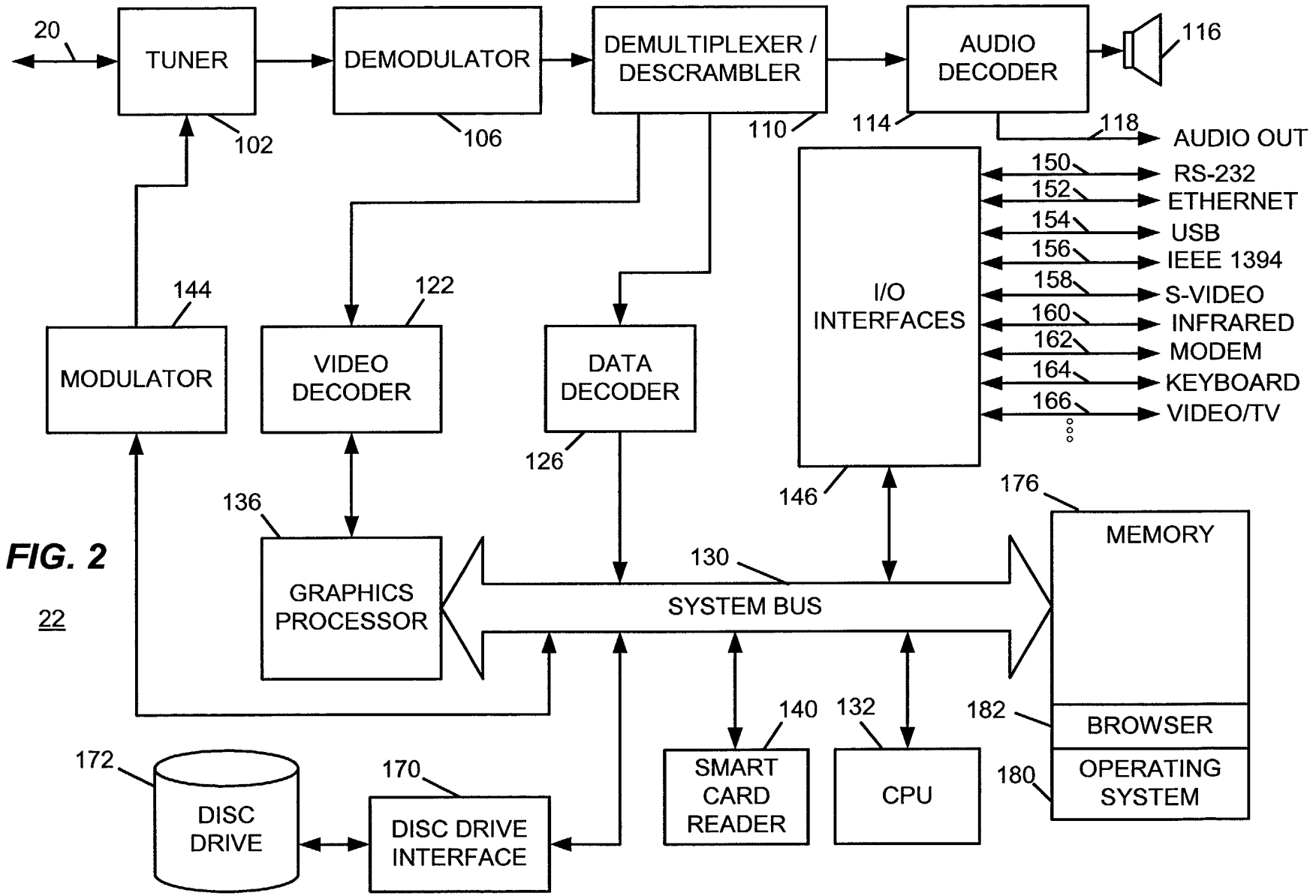

FIG. 2

22

TOSHIBA 00252960

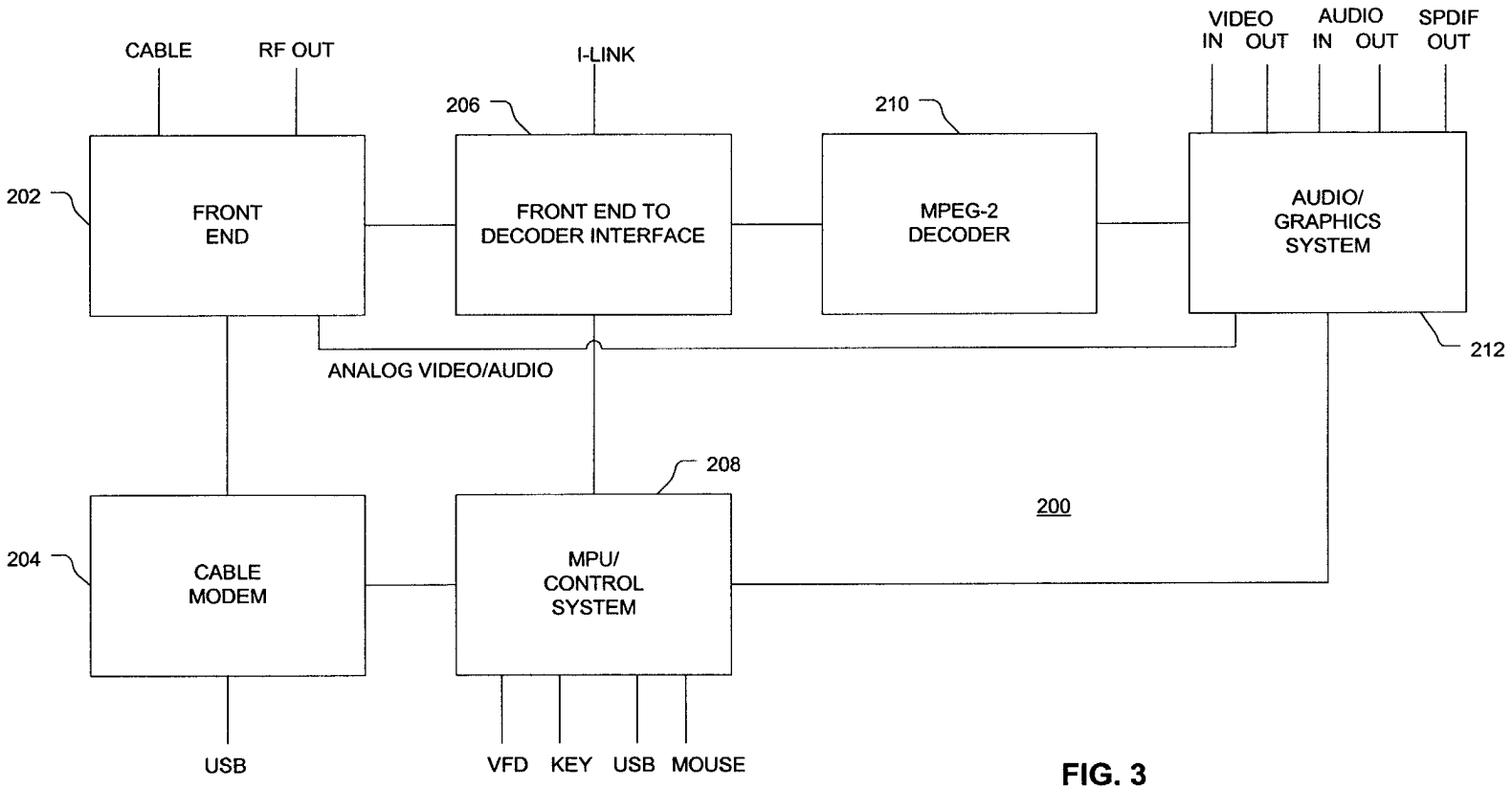

FIG. 3

TOSHIBA 00592860

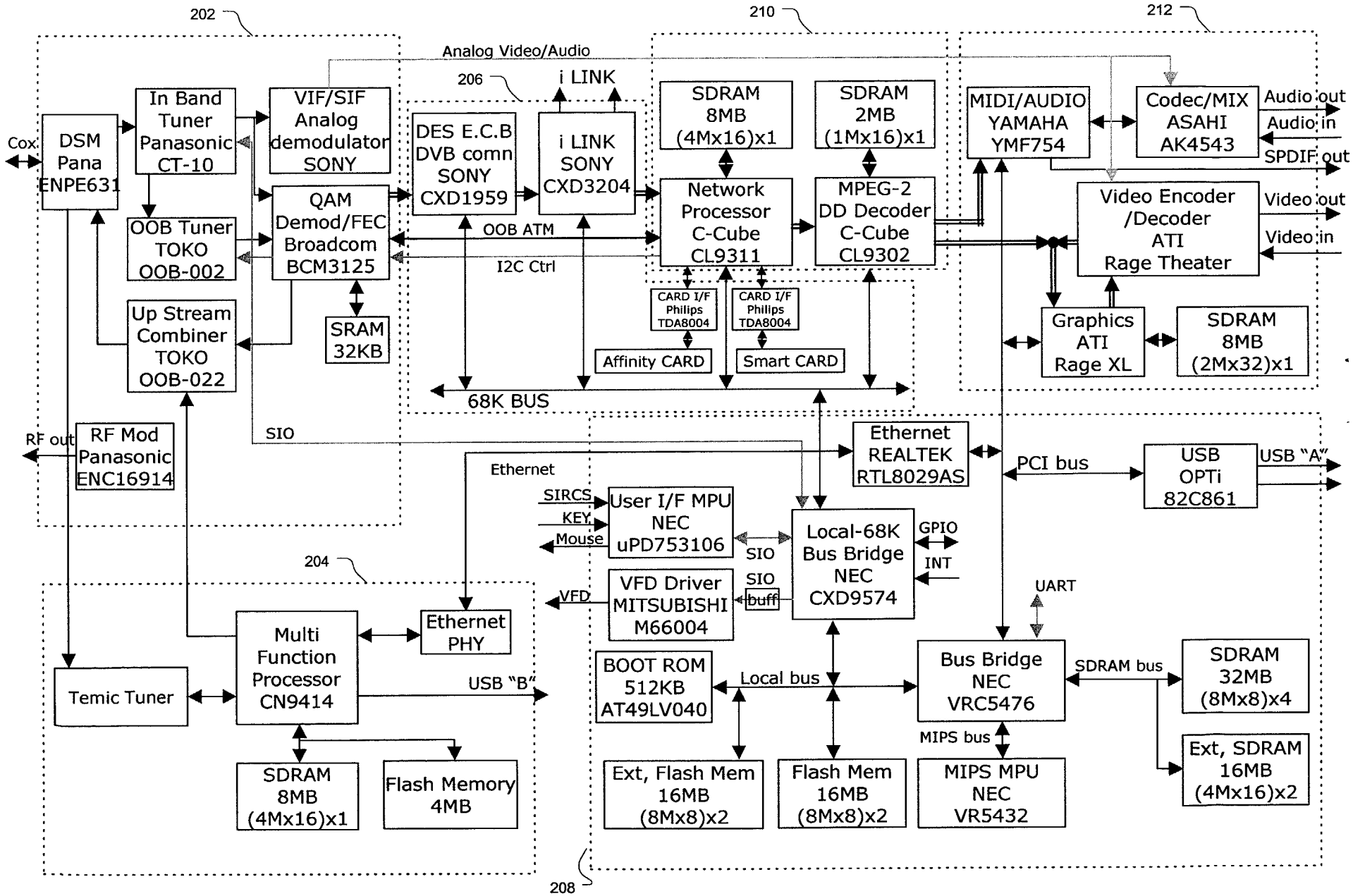

FIG. 4

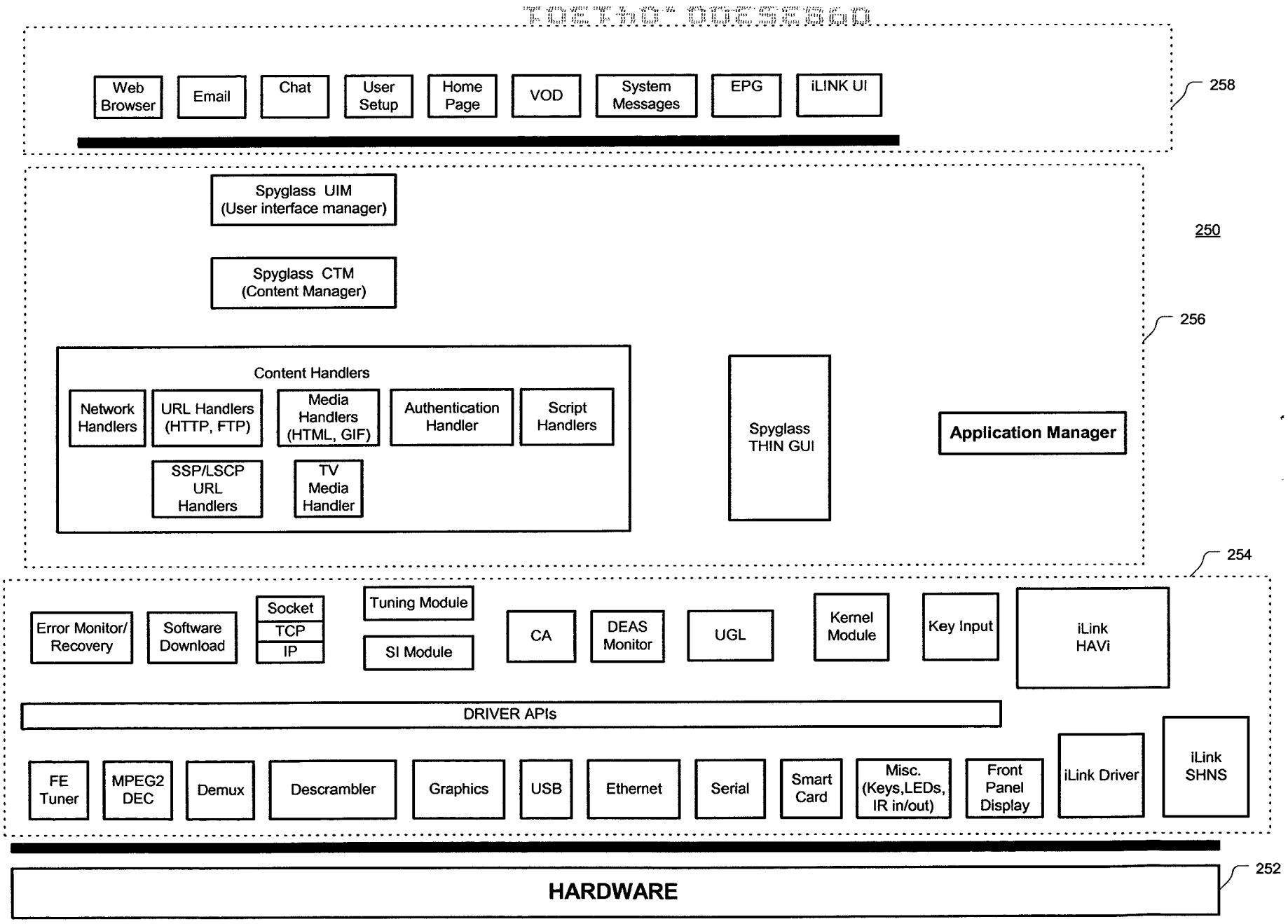
Web Browser
Email
Chat
User Setup
Home Page
VOD
System Messages
EPG
iLINK UI
258
Spyglass UIM (User interface manager)
Spyglass CTM (Content Manager)
250
256
Content Handlers
Network Handlers
URL Handlers (HTTP, FTP)
Media Handlers (HTML, GIF)
Authentication Handler
Script Handlers
SSP/LSCP URL Handlers
TV Media Handler
Spyglass THIN GUI
Application Manager
254
Error Monitor/ Recovery
Software Download
Socket
TCP
IP
Tuning Module
SI Module
CA
DEAS Monitor
UGL
Kernel Module
Key Input
iLink HAVi
DRIVER APIs
FE Tuner
MPEG2 DEC
Demux
Descrambler
Graphics
USB
Ethernet
Serial
Smart Card
Misc. (Keys,LEDs, IR in/out)
Front Panel Display
iLink Driver
iLink SHNS
HARDWARE
252

FIG. 5

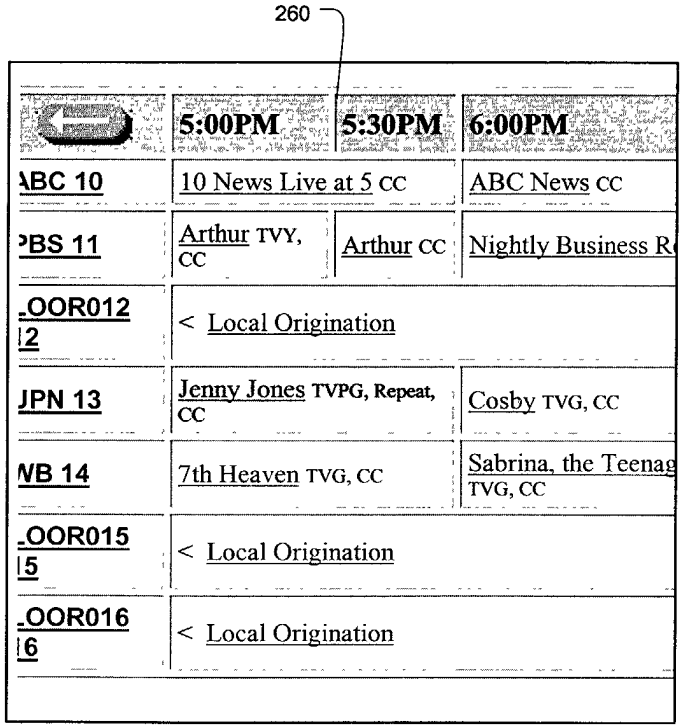
260
5:00PM
5:30PM
6:00PM
ABC 10
10 News Live at 5 CC
ABC News CC
PBS 11
Arthur TVY, CC
Arthur CC
Nightly Business R
OOR012 12
< Local Origination
JPN 13
Jenny Jones TVPG, Repeat, CC
Cosby TVG, CC
NB 14
7th Heaven TVG, CC
Sabrina, the Teenag TVG, CC
OOR015 15
< Local Origination
OOR016 16
< Local Origination

FIG. 6A

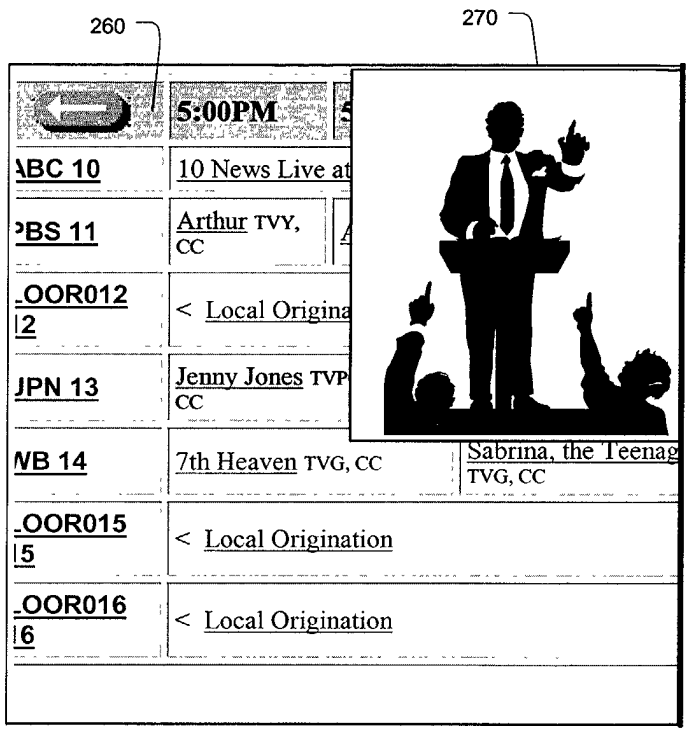
260
270
5:00PM
ABC 10
10 News Live at
PBS 11
Arthur TVY, CC
OOR012 12
< Local Origina
JPN 13
Jenny Jones TVP CC
NB 14
7th Heaven TVG, CC
Sabrina, the Teenag TVG, CC
OOR015 15
< Local Origination
OOR016 16
< Local Origination

FIG. 6B

TOETHO" 00E5E8G0

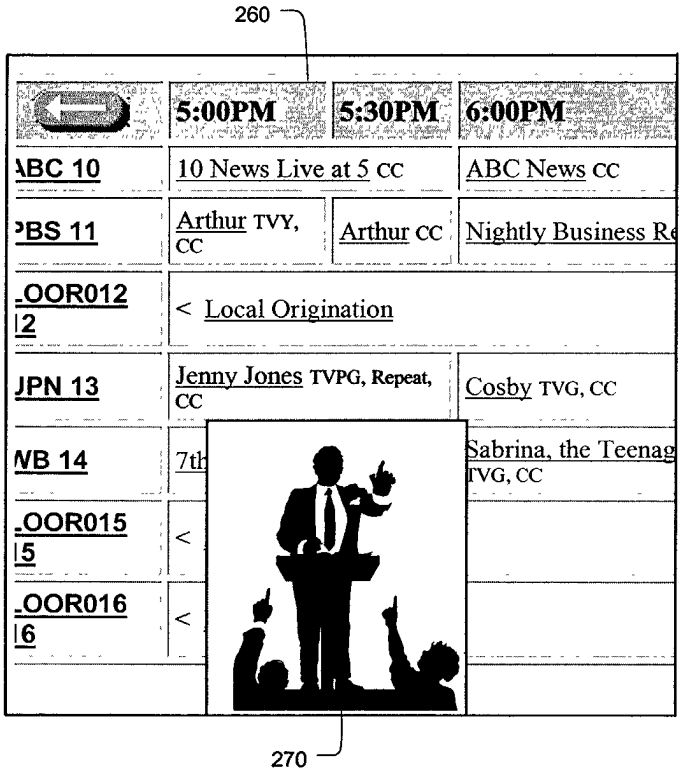

FIG. 6C

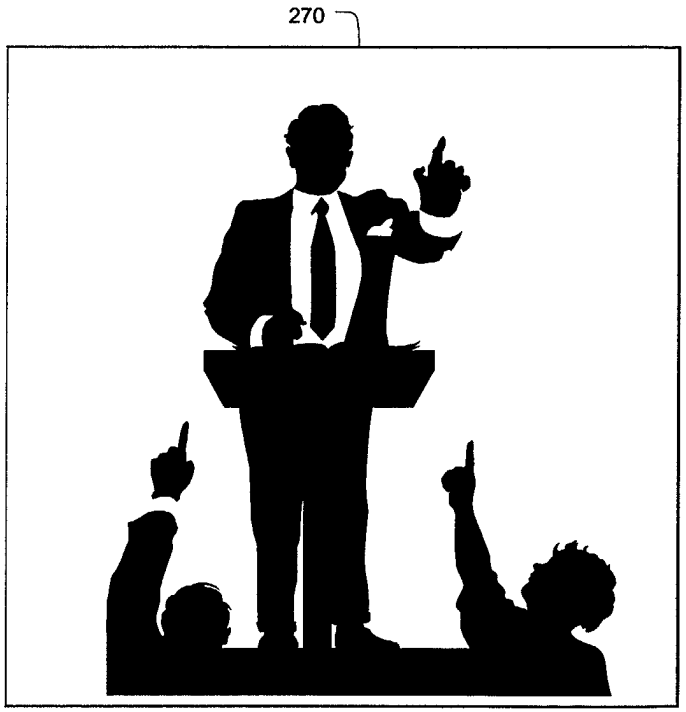

FIG. 6D

Docket Docsec60

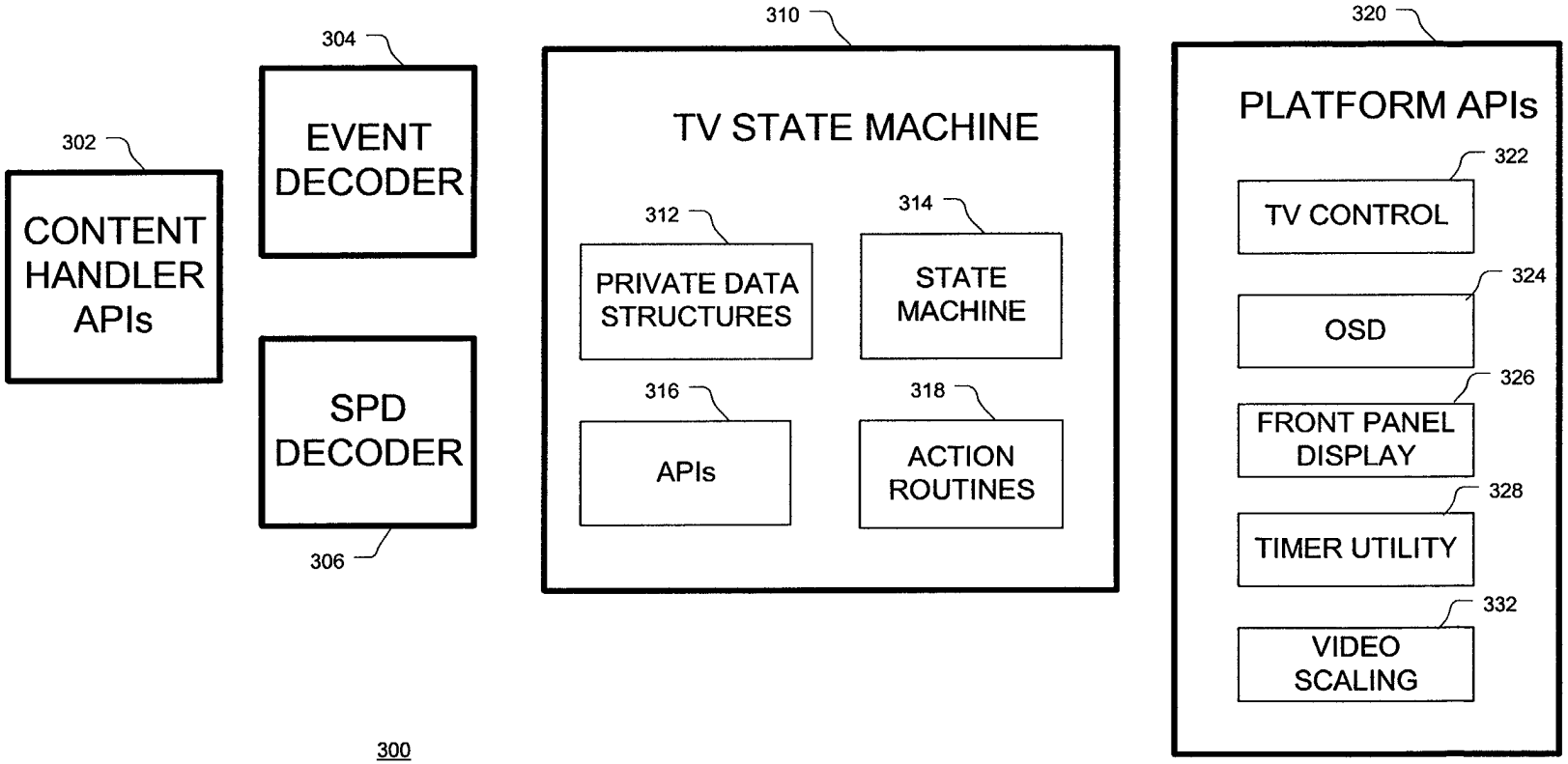

FIG. 7

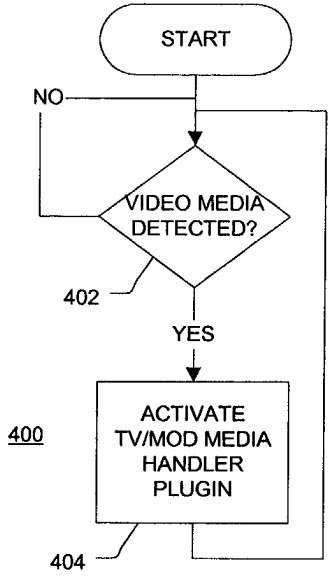
START
NO
VIDEO MEDIA DETECTED?
402
YES
ACTIVATE TV/MOD MEDIA HANDLER PLUGIN
400
404

FIG. 8

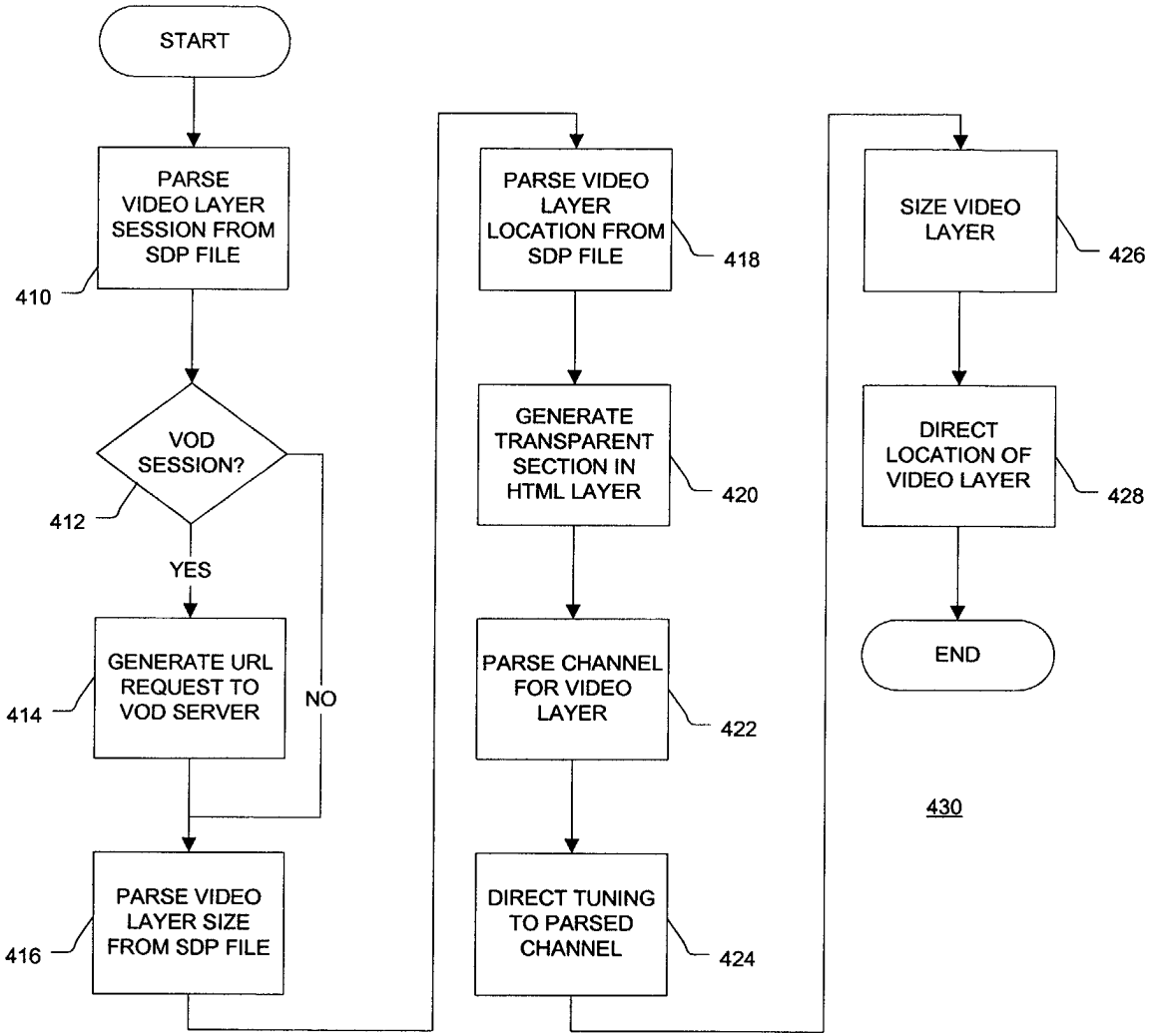
START
PARSE VIDEO LAYER SESSION FROM SDP FILE
410
VOD SESSION?
412
YES
NO
GENERATE URL REQUEST TO VOD SERVER
414
PARSE VIDEO LAYER SIZE FROM SDP FILE
416
PARSE VIDEO LAYER LOCATION FROM SDP FILE
418
GENERATE TRANSPARENT SECTION IN HTML LAYER
420
PARSE CHANNEL FOR VIDEO LAYER
422
DIRECT TUNING TO PARSED CHANNEL
424
SIZE VIDEO LAYER
426
DIRECT LOCATION OF VIDEO LAYER
428
END
430

FIG. 9

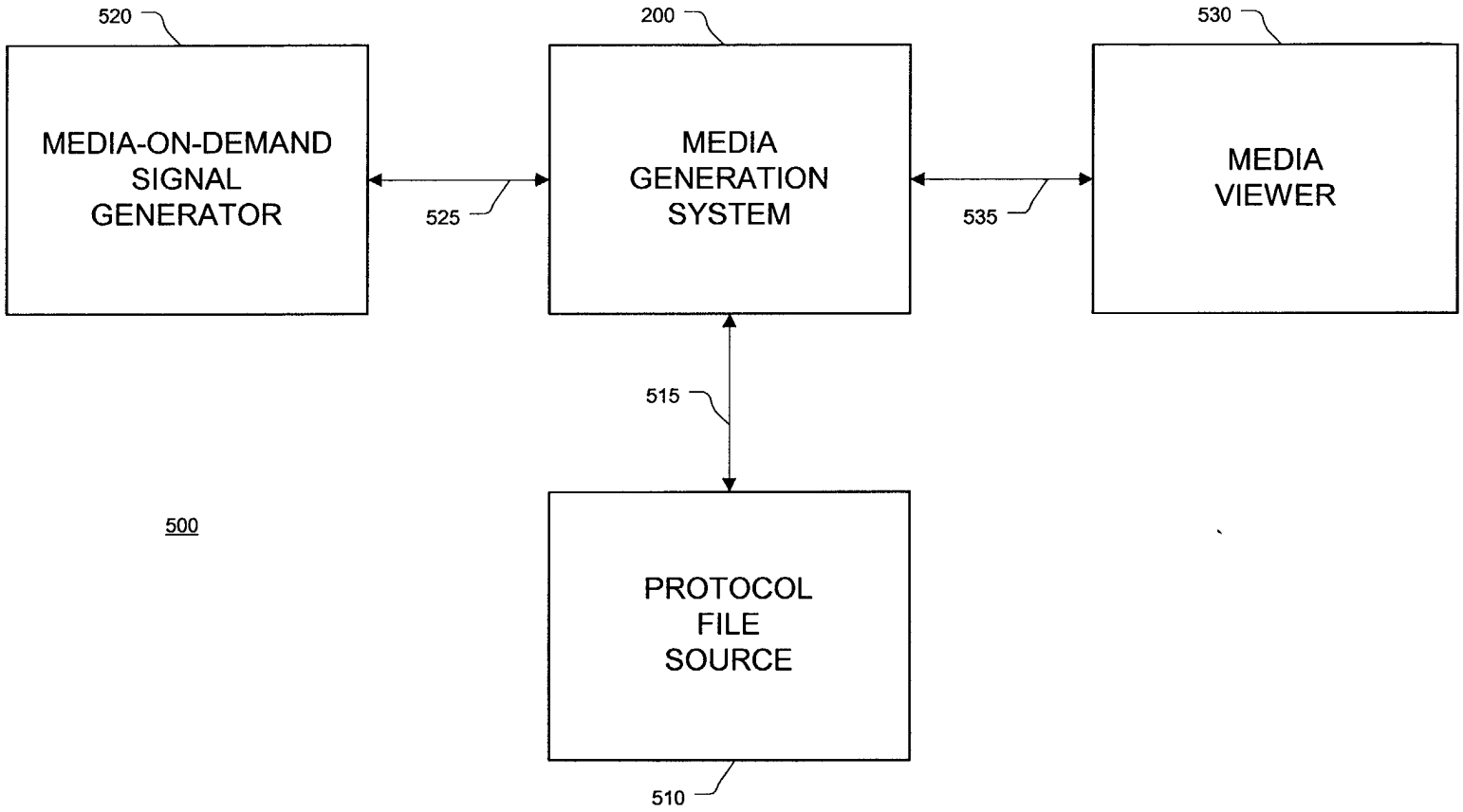
520
MEDIA-ON-DEMAND SIGNAL GENERATOR
525
200
MEDIA GENERATION SYSTEM
535
530
MEDIA VIEWER
515
500
PROTOCOL FILE SOURCE
510

FIG. 10

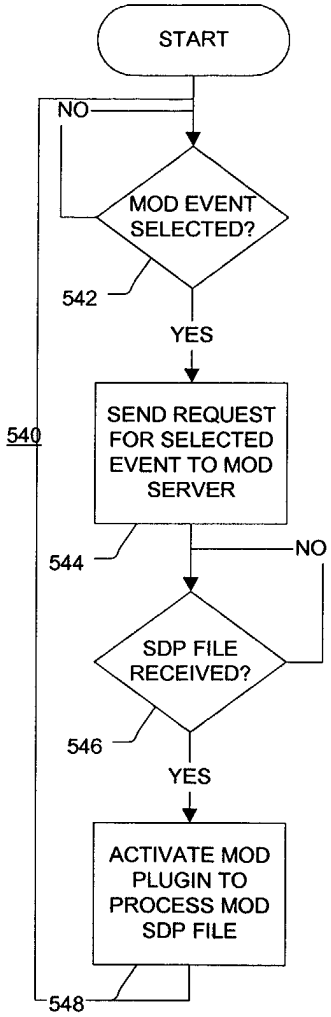
START
NO
MOD EVENT SELECTED?
542
YES
SEND REQUEST FOR SELECTED EVENT TO MOD SERVER
540
544
NO
SDP FILE RECEIVED?
546
YES
ACTIVATE MOD PLUGIN TO PROCESS MOD SDP FILE
548

FIG. 11

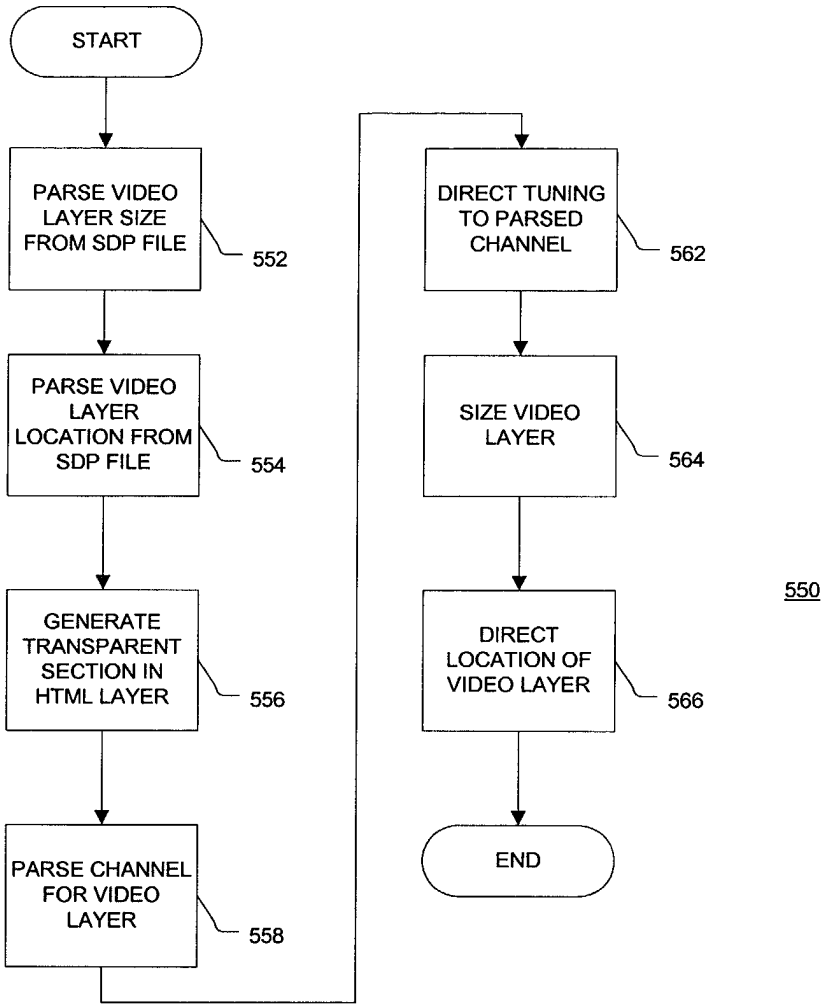
START
PARSE VIDEO LAYER SIZE FROM SDP FILE
552
PARSE VIDEO LAYER LOCATION FROM SDP FILE
554
GENERATE TRANSPARENT SECTION IN HTML LAYER
556
PARSE CHANNEL FOR VIDEO LAYER
558
DIRECT TUNING TO PARSED CHANNEL
562
SIZE VIDEO LAYER
564
DIRECT LOCATION OF VIDEO LAYER
566
END
550

FIG. 12